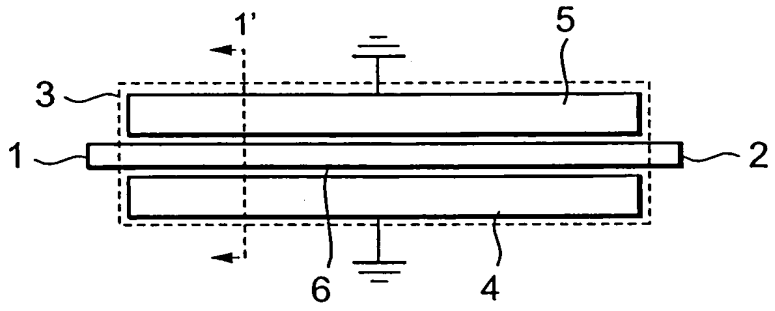

Fig.1A

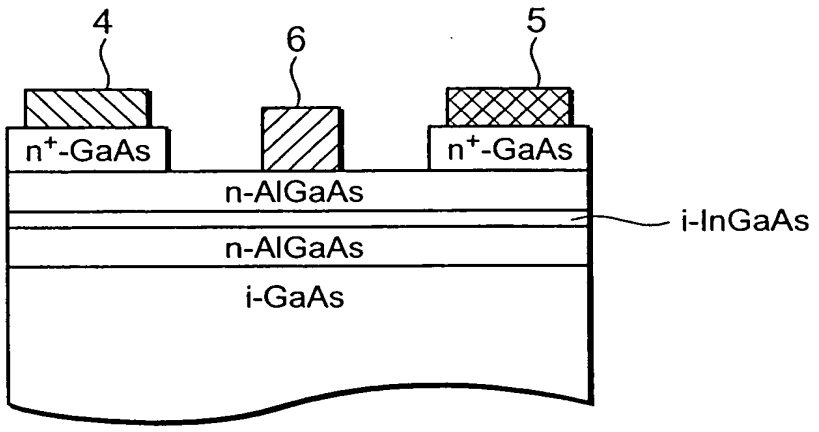

Fig.1B

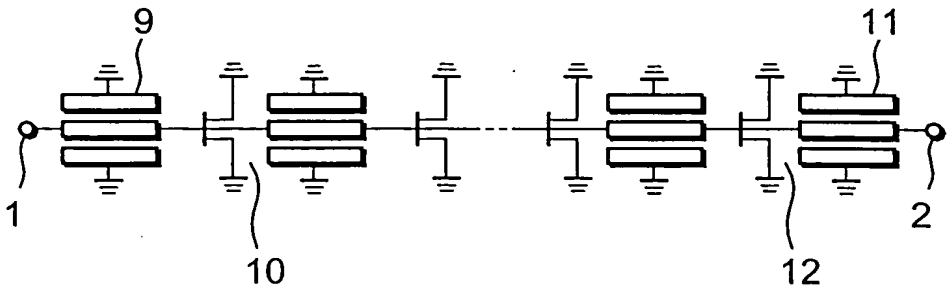
9
11
1
2
10
12

Fig.2

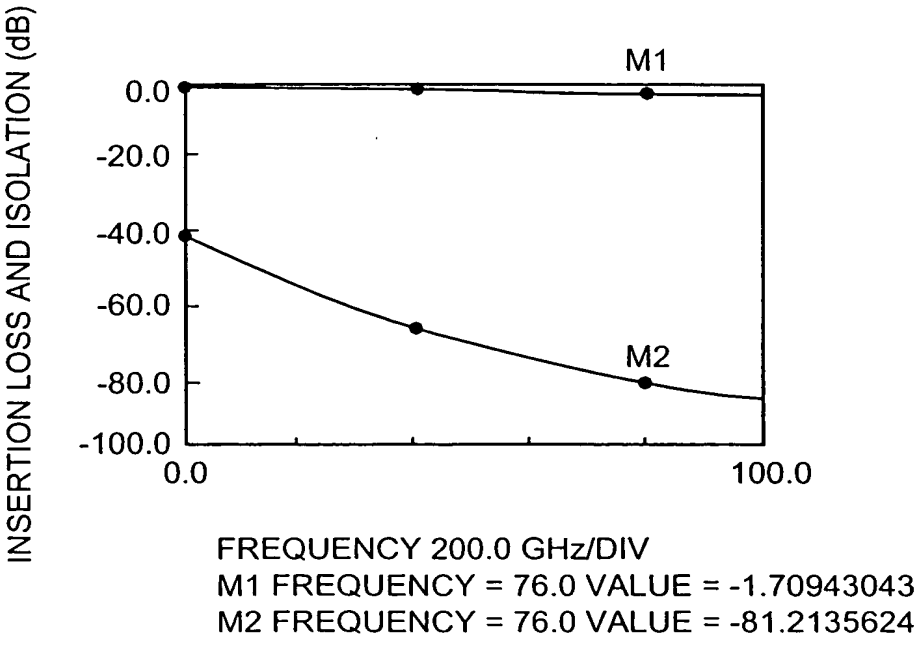
INSERTION LOSS AND ISOLATION (dB)
M1
0.0
-20.0
-40.0
-60.0
M2
-80.0
-100.0
0.0
100.0
FREQUENCY 200.0 GHz/DIV
M1 FREQUENCY = 76.0 VALUE = -1.70943043
M2 FREQUENCY = 76.0 VALUE = -81.2135624

Fig.3

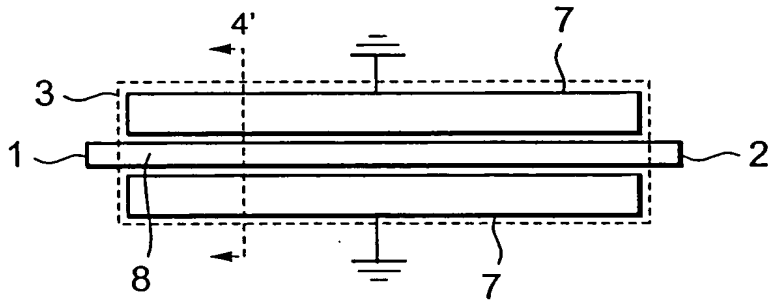

Fig.4A

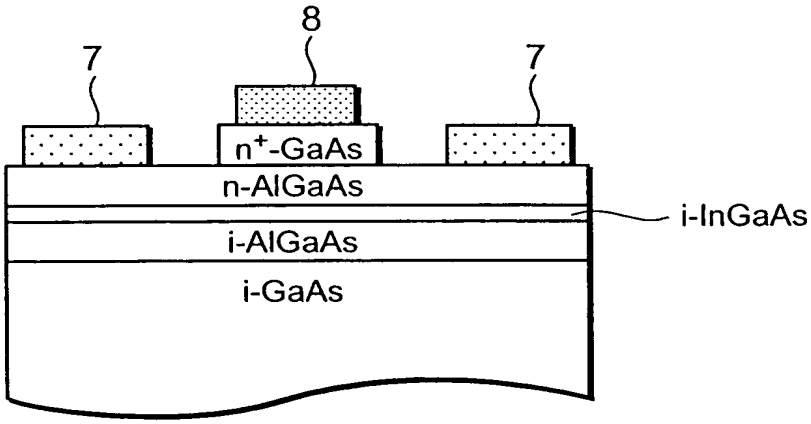

Fig.4B

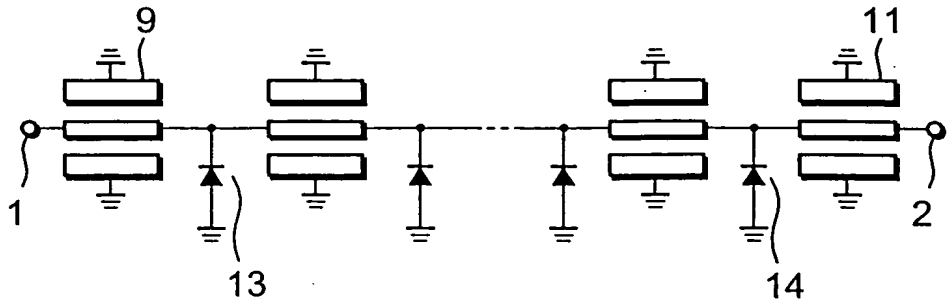
9
11
1
2
13
14

Fig.5

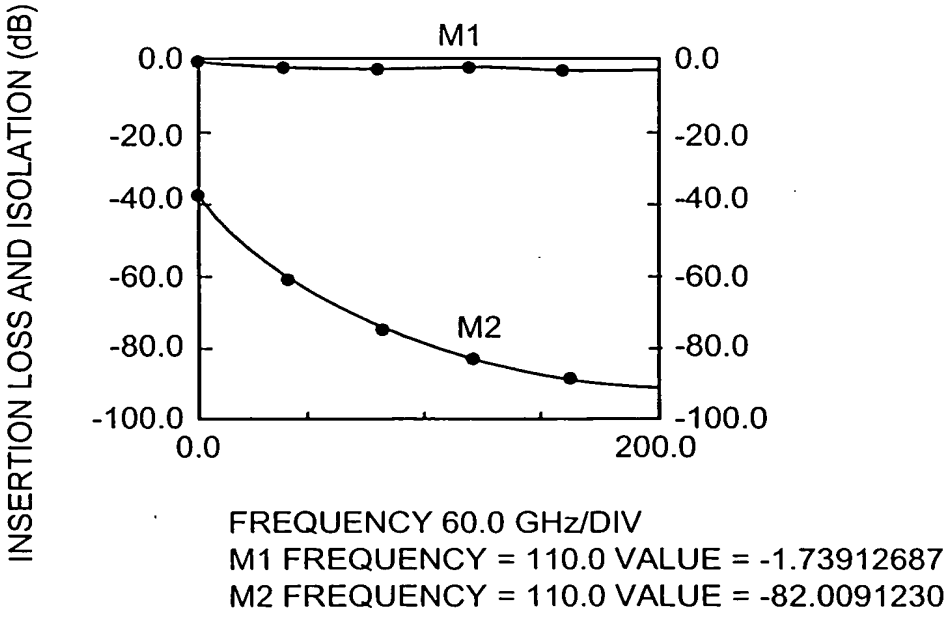
INSERTION LOSS AND ISOLATION (dB)
M1
0.0
-20.0
-40.0
-60.0
-80.0
-100.0
M2
0.0
200.0
FREQUENCY 60.0 GHz/DIV
M1 FREQUENCY = 110.0 VALUE = -1.73912687
M2 FREQUENCY = 110.0 VALUE = -82.0091230

Fig.6

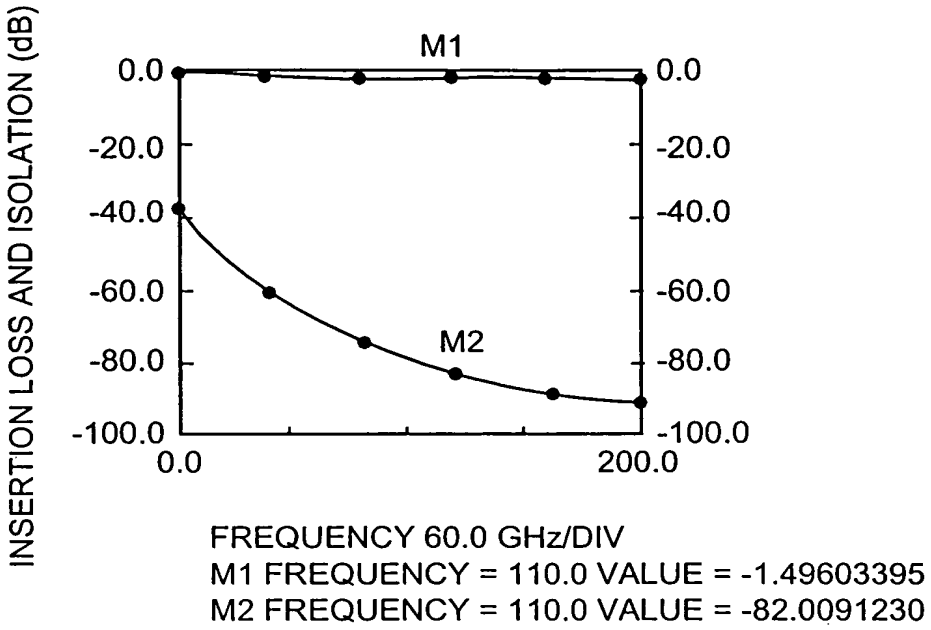
INSERTION LOSS AND ISOLATION (dB)
M1
M2
0.0
-20.0
-40.0
-60.0
-80.0
-100.0
0.0
200.0
FREQUENCY 60.0 GHz/DIV
M1 FREQUENCY = 110.0 VALUE = -1.49603395
M2 FREQUENCY = 110.0 VALUE = -82.0091230

Fig.7

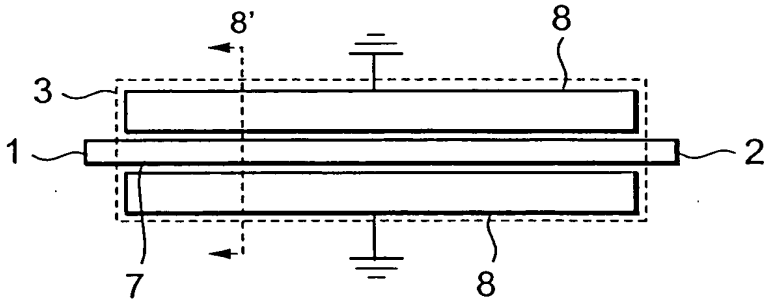
8'
8
3
1
2
7
8

Fig.8A

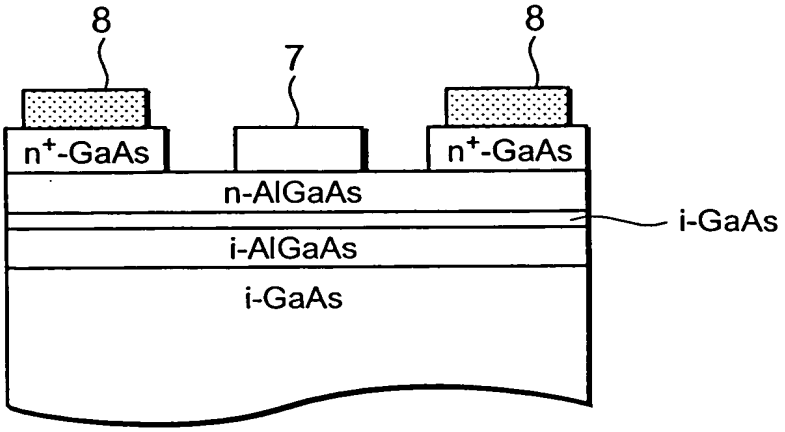

Fig.8B

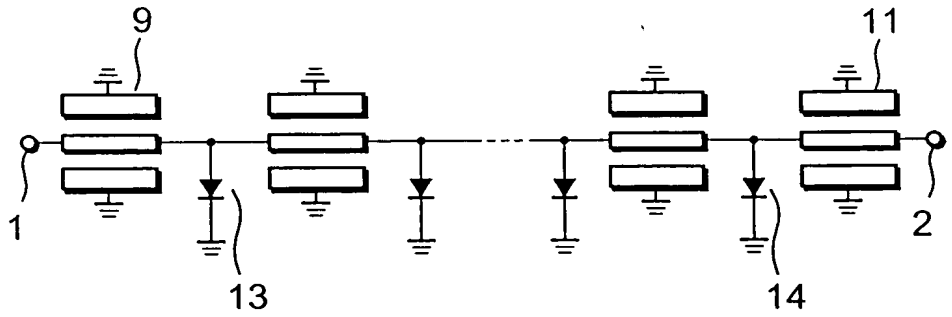

Fig.9

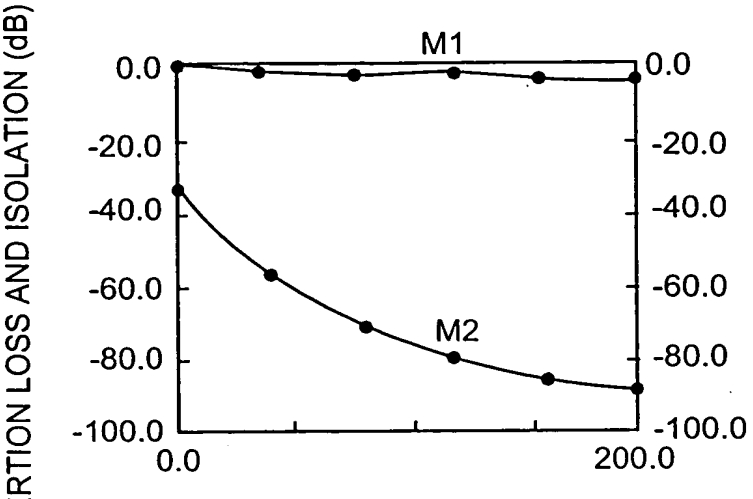
INSERTION LOSS AND ISOLATION (dB)
M1
M2
0.0
-20.0
-40.0
-60.0
-80.0
-100.0
0.0
200.0
FREQUENCY 60.0 GHz/DIV
M1 FREQUENCY = 114.0 VALUE = -1.62320504
M2 FREQUENCY = 114.0 VALUE = -79.1376351

Fig.10

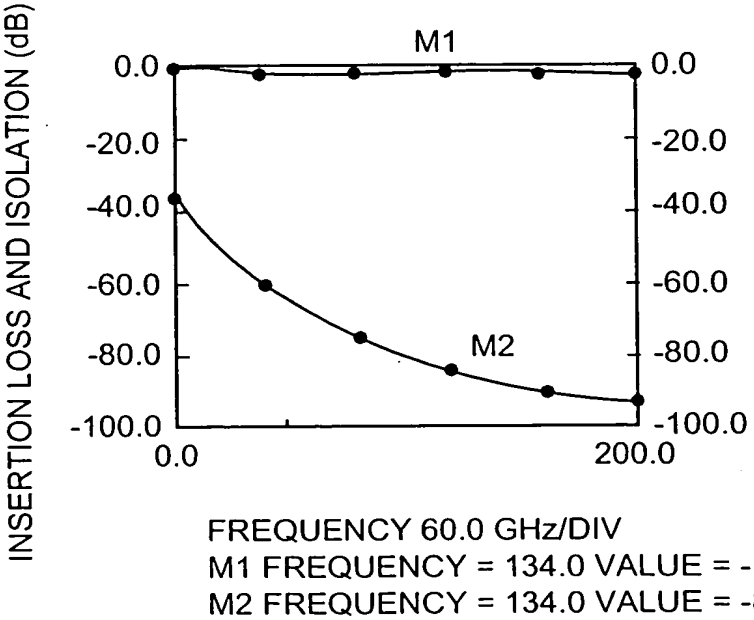
INSERTION LOSS AND ISOLATION (dB)
M1
M2
0.0
-20.0
-40.0
-60.0
-80.0
-100.0
0.0
200.0
FREQUENCY 60.0 GHz/DIV
M1 FREQUENCY = 134.0 VALUE = -1.51351363
M2 FREQUENCY = 134.0 VALUE = -85.3724595

Fig.11

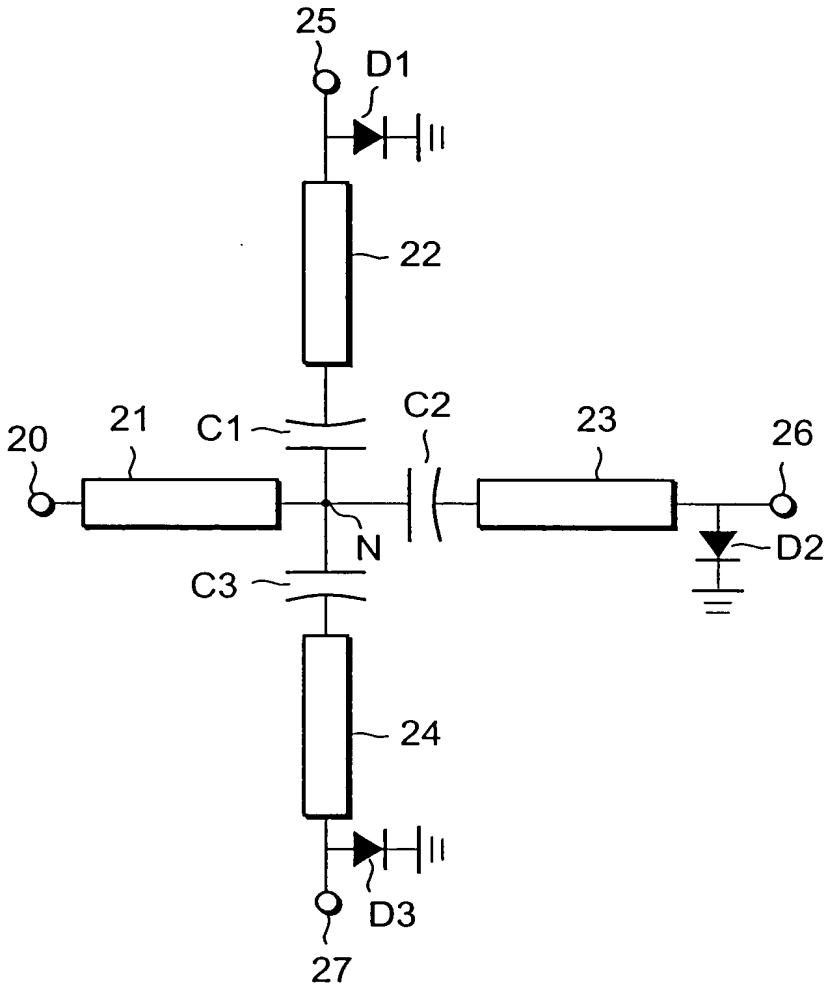

Fig.12 (Prior Art)

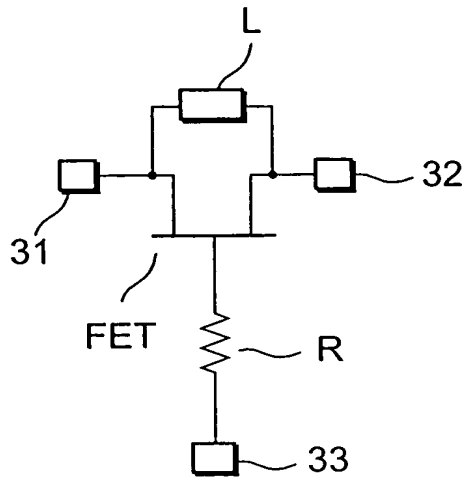

Fig.13 (Prior Art)

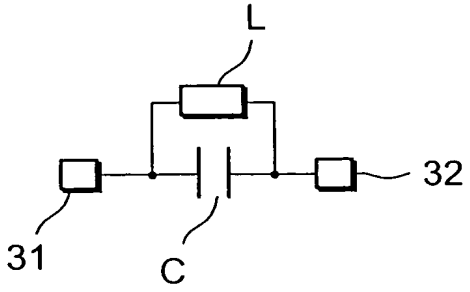

Fig.14 (Prior Art)

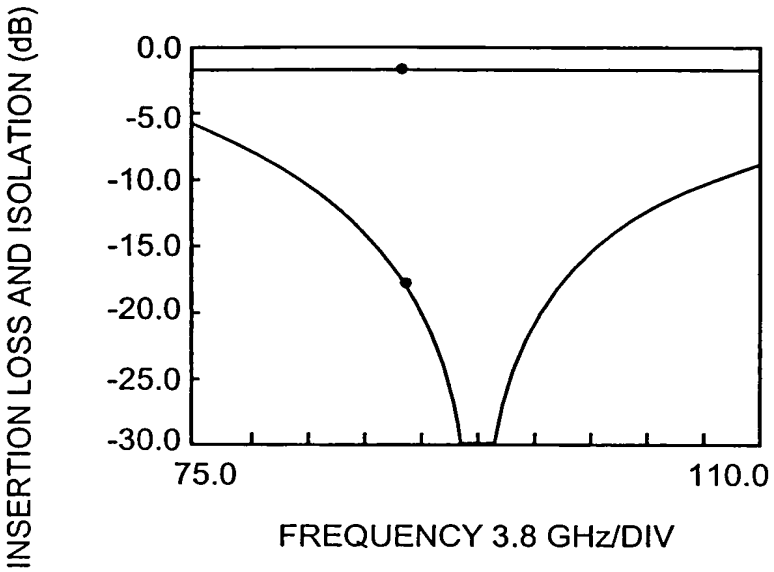

Fig.15 (Prior Art)

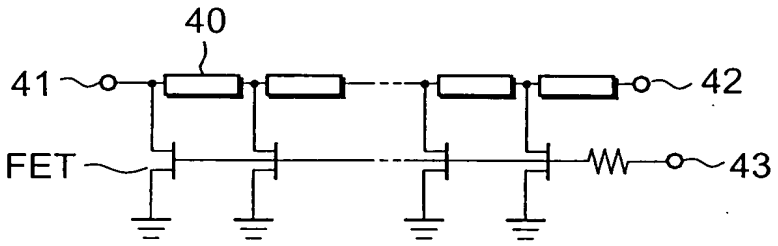

Fig.16 (Prior Art)

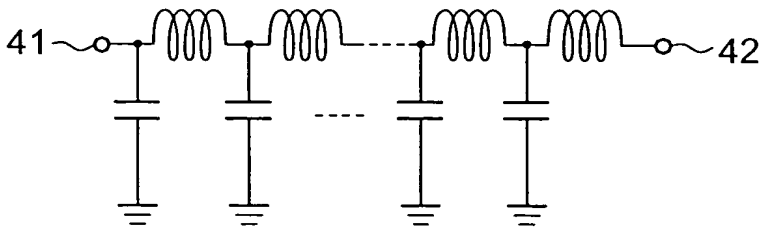

Fig.17 (Prior Art)

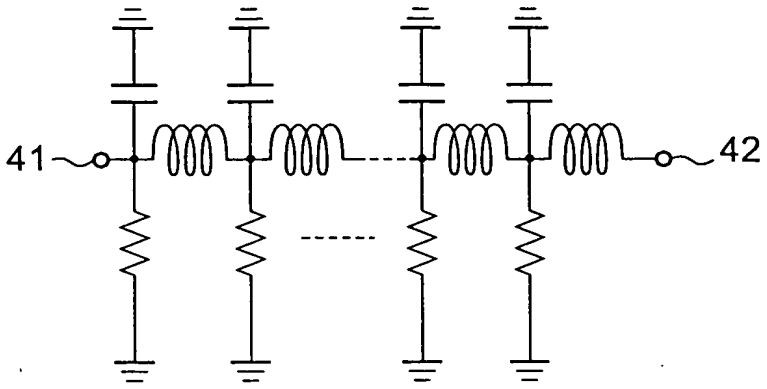

Fig.18 (Prior Art)

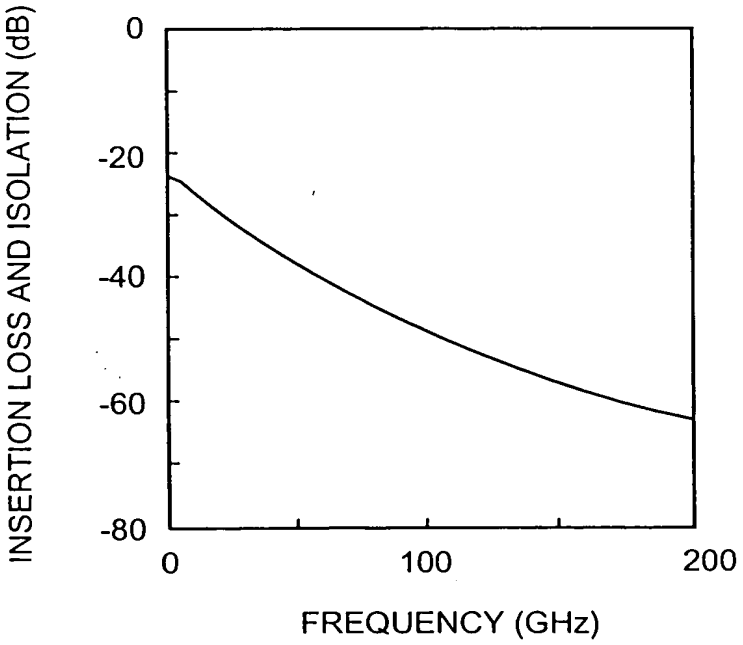

Fig.19 (Prior Art)